West London Waste Authority
what happens to your waste?

Richmond Village Forum
Tuesday 10th November 2015
Introduction

- What is the WLWA and what does it do?
- What happens to your waste and where does it go?
- General waste
- Food and Garden waste
- Waste from Townmead Road Reuse and Recycling Centre
- How much does this costs?
- Waste Minimisation and recycling
- Questions
What does the Authority do?

- Established on 1 January 1986
- 3 waste transfer stations, 2 use rail to transport the waste
What does the Authority do?

- Serves the partner boroughs of Harrow, Brent, Ealing, Hillingdon, Hounslow and Richmond
- Provide facilities for the receipt of waste including commercial waste
- Transport and disposal/composting/recycling of borough waste
- Storage and disposal of abandoned vehicles
- Arrange for the provision of HRRC sites
- No involvement with collections
Governance

- WLWA is a local authority
- Solely funded by the boroughs
- Members appointed by the boroughs
- Public meetings
- Decisions taken on simple majority
- Members are required to “act in the best interest of the Authority”
Joint Waste Management Strategy

- Agreed by Authority and boroughs in 2005
- Comply with National, London and other waste policies
- Prioritise waste reduction and re-use
- Recycle 50% of waste by 2020
- Provide all households with four recycling streams
- Reduce landfilling of waste
- Good value services that provide customer satisfaction
- Commitment to joint working
Waste Tonnages

Total Waste by Treatment Type

- **Landfill**
- **Composting**
- **Recycling**
- **Energy Recovery**

Year:
- 2006-07
- 2007-08
- 2008-09
- 2009-10
- 2010-11
- 2011-12
- 2012-13
- 2013-14
- 2014-15
Transport Avenue WTS Brentford
Tipping Hall
Unloading
General waste
Transport of waste by train
Currently landfilled in Lincolnshire
All change in 2016!

- November 2013 contract with a consortium led by SITA UK to build the Severnside Energy Recovery Centre at a site in Avonmouth, near Bristol
- Construction started December 2013 and will be complete in August 2016
- Waste will still be delivered by train
- 96% diversion from landfill and 2% more recycling
- Generates 34MGW - enough power for 30,000 homes
- Reduced carbon impact with future improvement planned
- Cheaper than landfill
SERC - progress
Waste Tonnages

Total Waste by Treatment Type

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Year
Food and Garden Waste

- All separately collected organic waste is composted
- Food waste is sent for anaerobic digestion
- Produces heat, power and fertiliser
- Garden waste is composted by a windrow process
- Typically takes about 12 weeks to produce compost
Townmead Road HRRC

- Wood waste – used to generate energy
- Electric goods – recycled via an industry take back scheme with no charge to WLWA
- Mattresses – 89,000 recycled last year, mostly used to generate energy
- Carpets – From January 2016 will be used on racing gallops
- Always looking for new recycling options
How much does this cost?

- General waste - £120 per tonne
- Food waste - £26 per tonne
- Garden waste - £32 per tonne
- Wood - £62 per tonne
- Rubble and soil - £27 per tonne
- Plaster board - £97 per tonne
- Carpets - £97 per tonne
- Mattresses - £250 per tonne
Waste Prevention

- Avoidance
- Reduction
- Preparing for Re-use
- Recycling and Composting
- Energy Recovery
- Landfill

West London Waste
Let's be resourceful
Quiz time

- In the UK how much food do we throw away per day?
- Slices of bread –
- Apples –
- Eggs -
Quiz time

- In the UK how much food do we throw away per day?
  - Slices of bread – 24 million
  - Apples – 4.1 million
  - Eggs – 1.1 million
How much could we save?

In financial terms…

UK householders are throwing away £12.5 billion worth of good food and drink every year.

- £470 per household per year
- £700 per household with children per year

Savings of up to £60 a month
Waste Prevention Activities

- Strategy from 2011 – 2015 identified 5 key materials
  - Food - 30% of the content in black bags
  - Textiles
  - Nappies
  - Furniture and electrical items
- Yearly action plans
- Our results are published and promoted
Engaging Communities

- The Team attend events and give talks
- Empowering the community to do something e.g. bring events & Swishing - Local benefits for local residents
- Our website, @WestLondonWaste, Facebook and a monthly newsletter
Contact details

Our award winning Waste Minimisation Team would love to come and talk to your group about waste minimisation and saving money, please do get in touch

http://westlondonwaste.gov.uk/
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